

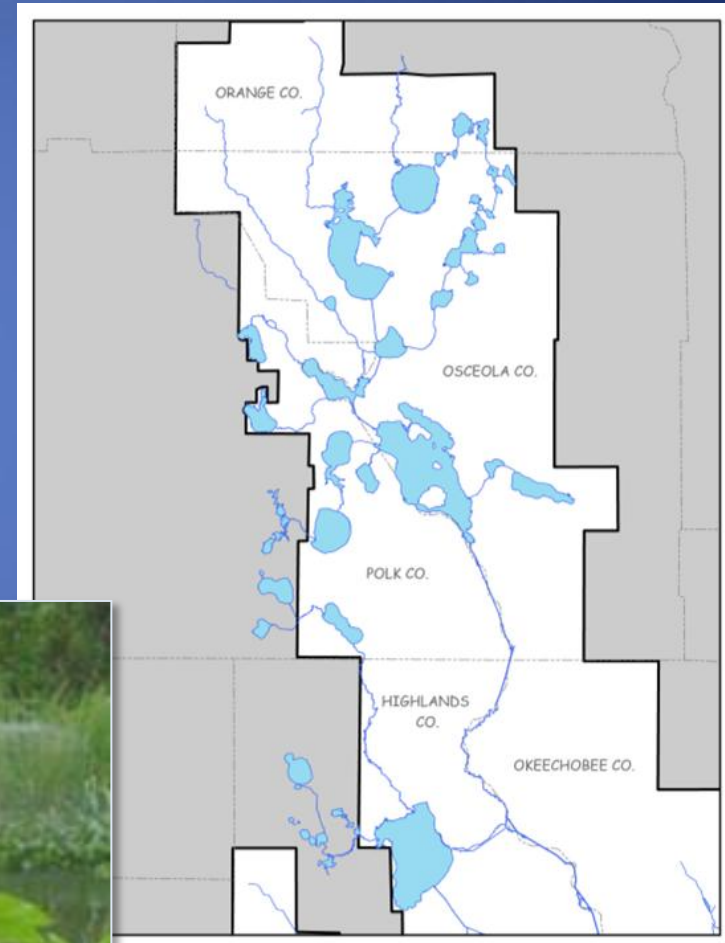
Vegetation Management Program



Lake Management

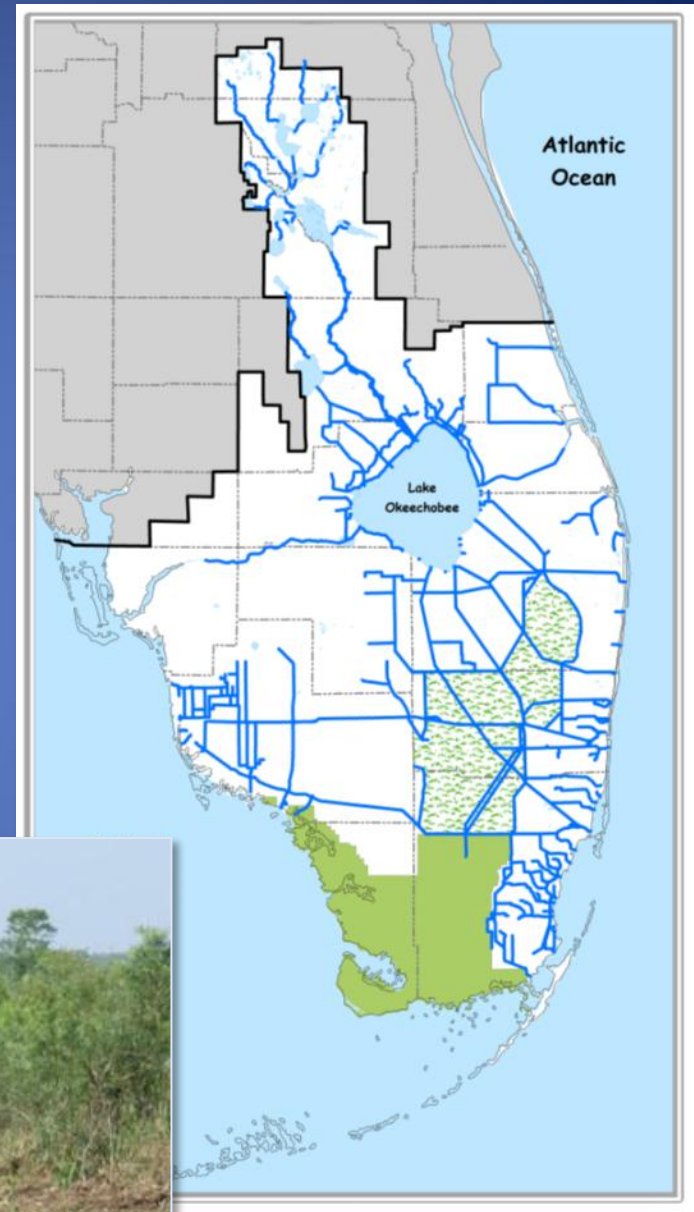
- 107,000 acres managed
 - Invasive aquatic plant control
- FY13 Expenditures:
 - FWC: \$2,002,724
 - Ad Valorem: \$10,000

Kissimmee Chain of Lakes



Canals, Levees, ROW's

- 1,622 miles of canals and 3,434 miles of berms maintained
 - Nuisance aquatic plant control
 - Hazardous/invasive tree removal
 - Canal bank/levee vegetation maintenance
- FY13 Expenditures: \$3,222,317



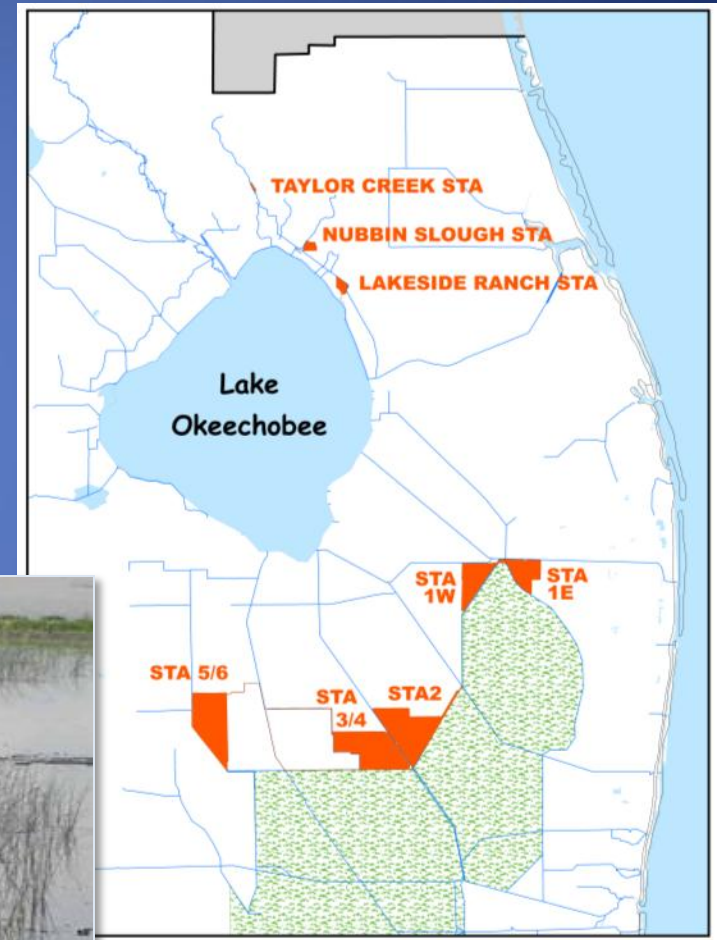
1992 Hurricane Andrew was the Impetus to the Tree Management Program



Two back to back storm seasons, 2004 & 2005, with Category II storms generated over \$18M in debris removal.

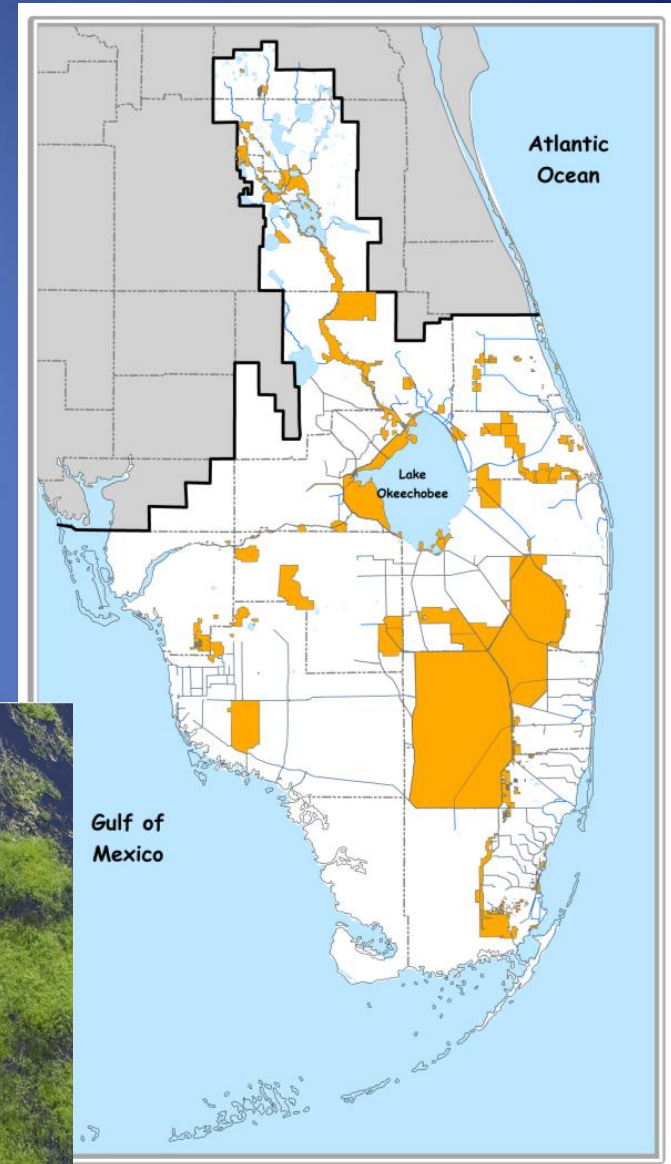
Stormwater Treatment Areas

- 58,855 acres managed
 - Nuisance vegetation control
 - Vegetation rehabilitation
- FY13 Expenditures:
 - Vegetation enhancements \$1,510,819
 - Herbicide control \$1,407,725



Conservation Lands

- 1,438,210 acres managed
 - Herbicide control
 - Biological control
- FY13 Expenditures:
\$6,071,169



Invasive Plants

- 75 invasive, exotic plant species established within District
- 21 species widely established or locally abundant in intact natural areas
 - Degrade wildlife habitat, alter ecosystem processes



Old World Climbing Fern



Invasive Animals

- 15 priority invasive animal species within District
 - Monitoring and removal
- Many more non-native species established
- FY13 Expenditures: \$146,000
- Interagency cooperation



Invasive Insects and Diseases

- Red Bay Ambrosia Beetle and Laurel Wilt
- Lobate Lac Scale
- No established management program



Components of Effective Management



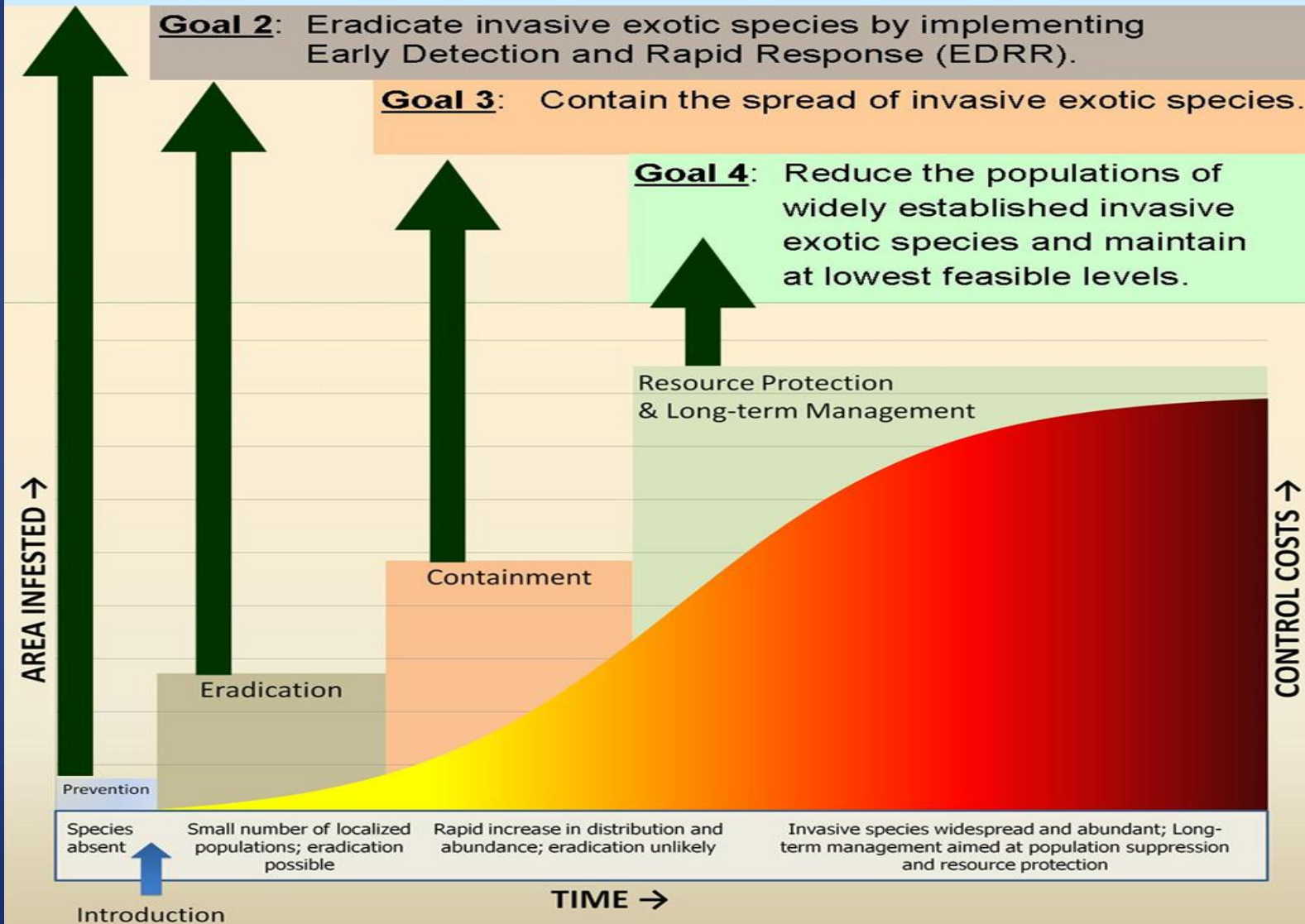
The Invasion Curve

Goal 1: Prevent the introduction of invasive exotic species.

Goal 2: Eradicate invasive exotic species by implementing Early Detection and Rapid Response (EDRR).

Goal 3: Contain the spread of invasive exotic species.

Goal 4: Reduce the populations of widely established invasive exotic species and maintain at lowest feasible levels.



Melaleuca Management: A Success Model



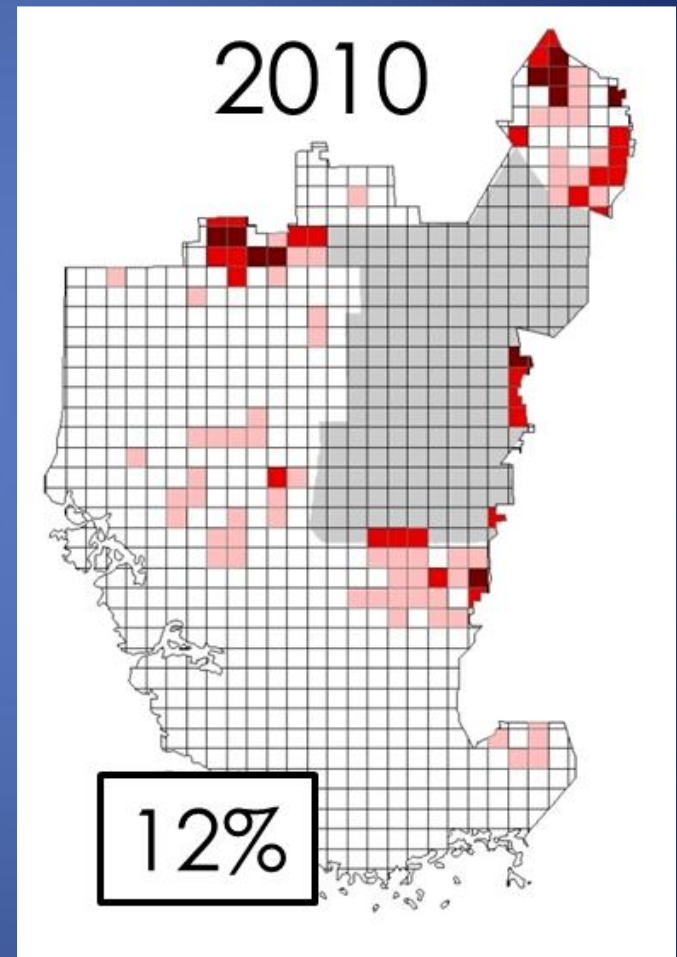
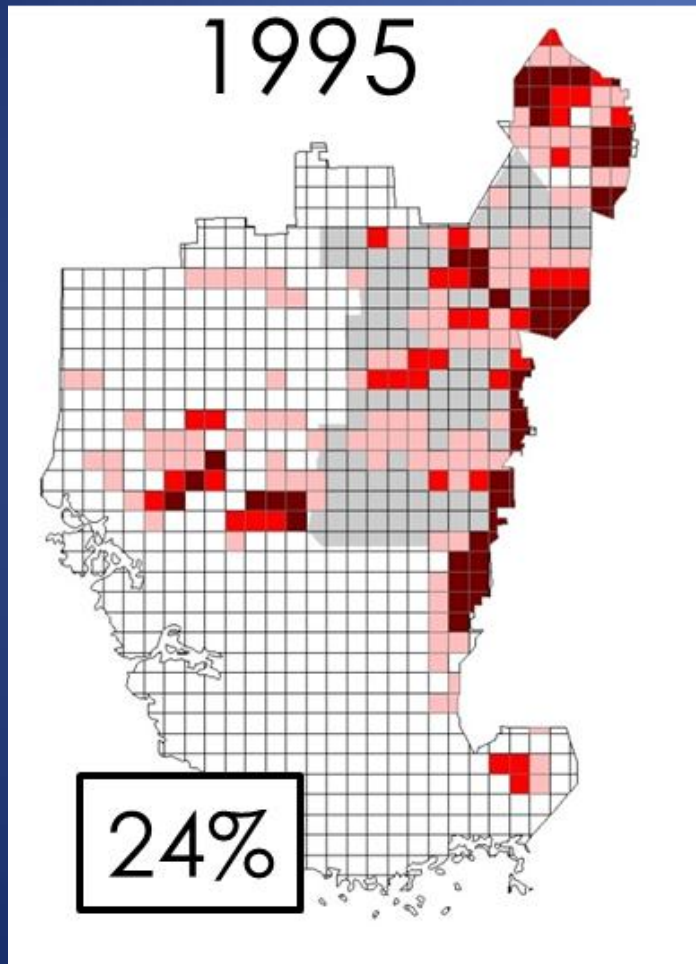
- Sustained funding
- Persistent control
- Regulatory support
- Regional coordination



- Applied research & technology solutions
- Numerous education and outreach initiatives



15 Years of Melaleuca Management



Melaleuca Management

- Melaleuca now under maintenance control in WCA's 2 & 3 and Lake Okeechobee marsh.

Moore Haven Marsh, Lake Okeechobee

1995



2012



Questions?

